

Technical Parameters

Solifant SF 80 WPM

Product Type	SF80-36M
Parameter	Typical Data
Watts Peak (W)	80
Open Circuit Voltage (V)	21.8
Short Circuit Current (A)	5,00
Optimum Operating Voltage (V)	17,6
Optimum Operating Current (A)	4,55
Silicon Cell Efficiency	17.5%
Voltage Temperature Coefficient	-0.35%/K
Current Temperature Coefficient	+0.06%/K
Power Temperature Coefficient	-0.47%/K
Quantity of Cells	4x9 pieces 125mmx125mm (5"inch) mono-crystalline silicon cell series connection
Maximum System Voltage(V)	1000 (TUV)/600(UL)
Module Safe Wire Current (A)	10
Module Insulating Resistance(Ω)	$\geq 100M\Omega$
Parameter Physical Size(mm ³)	12000x540x35(LxWxH)
Module Operating Temperature($^{\circ}C$)	-40 to +90 $^{\circ}C$
Hail	Max. diameter of 25mm ⁻¹ with impact speed of 23.0m.s ⁻¹
Component air pressure strength	120km/h

- Notes:**
1. Test conditions: irradiation intensity: 1000W/m², AM1.5; Battery temperature: 25 \pm 2 $^{\circ}C$, deviation of Wp(W) \pm 5%, deviation of Voc(V), Isc(A), Vm(V) and Im(A) \pm 10%.
 2. In the column of product type, M stands for Monocrystalline

Dimensions:

